Title: Money Makes the Fair-Go-Round

Brief Overview:

> This lesson will develop and enrich counting strategies to determine the value of sets of money. They will apply these strategies to real-life experiences. Students will utilize money manipulatives to explore a county fair theme.

NCTM Content Standard/National Science Education Standard:

> Understand numbers, ways of representing numbers, relationships among numbers, and number systems
- Connect number words and numerals to the quantities they represent, using various physical models and representations
- Recognize equivalent representations for the same number and generate them by decomposing and composing numbers

Grade/Level:

> Grades: 2-3

Duration/Length:

> Three class sessions approximately 60 minutes per session

Student Outcomes:

> Students will:

- Recognize money and its value
- Represent values of money in a variety of ways
- Add mixed currency without regrouping

Materials and Resources:

Day 1
- Chart Paper
- Student Resource 1- Pocket Change
- Student Resource 2- Pocket Change (half sheet per student)
- Teacher Resource 1- Pocket Change Answer Key
- Teacher Resource 2-8-Large Currency Manipulatives
- Student Resource 3-Fair-E-Tales Board
- Student Resource 4/5 Copied Back to Back- Game Cards
- Student Resource 6/7 Copied Back to Back- Game Cards
- Student Resource 8/9 Copied Back to Back – Game Cards
- Scissors (for students)

- Glue
- Bags of mixed currency (manipulatives or Student Resource 10)
- Counters
- Student Resource 11-Extension
- Student Resource 12-Popcorn Explosion

Day 2
- Teacher Resource 9- Story Problem
- Teacher Resource 10- Story Problem
- Coin Manipulatives or Student Resource 10
- Teacher Resource 11- Food Chart
- Student Resource 13 Explanation
- Student Resource 14 Application
- Teacher Resource 12 Application Answer Keys
- Student Resource 3 (from Day 1)- Board Game
- Student Resource 4/5 Copied Back to Back (From Day 1)- Game Cards
- Student Resource 6/7 Copied Back to Back (From Day 1)- Game Cards
- Student Resource 8/9 Copied Back to Back (From Day 1)- Game Cards
- Student Resource 15- Extension
- Student Resource 16 (half sheet per student)-Exit Card
- Teacher Resource 13-Exit Card Answer Key

Day 3
- Optional Fair Decorations
- Teacher Resource 14 Story Problem
- Teachers Resource 15 Story Problem Chart
- Student Resource 17- Story Problem Fill-In-The-Blank (Two Copies Per Child)
- Student Resource 18- Extension
- Teacher Resource 16- Extension Answer Key
- Teacher Resource 17-20- Summative Example
- Student Resource 19-20 Summative

Development/Procedures:

Day 1

- o Pre-assessment
  Tell the students that we will go to the _____ (fill in your county) County Fair. (Students will visit the fair on Day 3.) At the fair, they will have the opportunity to spend up to $10.00 on food, rides, games and exhibits.

  Ask the students what they could do/would do at a County Fair. Record student responses on chart paper.

Explain that they will identify money and its value and count various amounts of mixed money before they go to the fair. Explain that they will need to help their friends determine the amount of money they have in their pockets to spend at the fair.

Distribute Student Resources 1 and 2. Instruct the students to independently match the Pocket Cards to the correct amount on the Money Cards. Explain to the students that they will not use all of the answers provided.

Monitor the students' responses for accuracy. Answer key can be found on Teacher Resource 1.

o Engagement
Place a variety of pictures of U.S. currency or use Teacher Resources 2-8 on the board. Ask the students to identify the name and value of the displayed money.

o Exploration
Distribute bags of mixed currency. Ask the students to represent $1.52 at the their desks utilizing the bags of mixed currency.

Monitor the students' responses for accuracy. Ask students to share their responses with the class. Evaluate student responses.

o Explanation
Model a variety of representations including student responses for $ 1.52 (Utilize currency manipulatives or Student Resource 10). Examples:
  ▪ 1 dollar, 1 fifty cent piece, 2 pennies
  ▪ 1 dollar, 2 quarters, 2 pennies,
  ▪ 152 pennies
  ▪ 10 dimes, 10 nickels, 2 pennies

Model a variety of representations for $ 6.83 (Utilize currency manipulatives or Student Resource 10). Examples:
  ▪ 1 five dollar bill, 1 dollar bill, 3 quarters, 1 nickel, 3 pennies
  ▪ 683 pennies
  ▪ 6 dollar bills, 8 dimes, 3 pennies
  ▪ 1 five dollar bill, 1 dollar Bill, 1 fifty cent piece, 3 dimes, 3 pennies
  ▪ Ask the students to work with a partner to show 3 representations of $9.49. Students may share their answers with the class. Note and evaluate student responses.

Play one round of Fair-E-Tales with a student, as the rest of the class observes, in order to demonstrate the rules (Student Resources 3-9).
  ▪ Place counters at the entrance of the fair.

- Identify a way to decide which partner goes first.
- Place cards with questions facing up in a pile.
- Partner 1: Choose a card from the pile.
- Read the question aloud and select the correct multiple choice answer (manipulatives may be used to determine the correct response) .
- Partner 2: Check Partner 1's answer (answer is on the back of the card).
- Partner 1: If the answer is correct, move the number of spaces indicated on the card.
- Partners will repeat this process taking turns until they reach the Fair Exit. The first partner to reach the county fair exit wins.

o Application
Pair students with partners and have them gather materials for the game in order to begin playing. Monitor the students' first round of the game. Identify students with re-teaching and enrichment needs. Instruct students to continue to play Fair-E-Tales with a partner.

o Differentiation

- Reteach
Help the students who are having difficulty and work through the game with them. Use various currency manipulatives to demonstrate a variety of ways to represent given amounts.

- Enrich
Instruct students who are in need of enrichment to create their own questions for the game using Student Resource 11 after playing the game.

o Assessment
Explain to the students that a disaster has occurred in the Popcorn Stand at the fair. The workers had money bags labeled with their amounts. Some of the money spilled out when the bags fell to the floor.   Ask the students to help the stand workers determine the coins or dollars that could have been in the bags. Instruct the students to complete Student Resource 12.

Day 2

o Engagement
Explain to the students Stephanie bought Bubbles the Clown's last balloon for $2.38.   Ask the students what coin or dollar combinations Stephanie might have used to buy the balloon (Optional: Use Teacher Resource 9 to display a written copy of the story problem to the class). Discuss the students' various solutions. Note and evaluate student responses.

o   Exploration
    Present the students with the following story problem: Scott, the snow
    cone maker, bought syrup for his snow cones. The cherry syrup costs
    $1.25 and the chocolate syrup costs $1.00. How much did Scott spend
    buying syrup? The students may use currency manipulatives, drawing
    symbols or mental math to solve the problem (Student Resource 10).
    Optional: Use Teacher Resource 10 to display a written copy of the story
    problem to the class.

    Monitor the students' responses for accuracy. Ask students to share their
    responses with the class.

o   Explanation
    Ask the students how they would use the information in the story problem
    to write an addition sentence to find the answer. Review and model
    student answers for the class.

    Model the vertical form of addition. Explain and model the importance of
    the alignment of dollar signs, decimal points, dollars, and cents. Example:
    $$\$1.00 + \$1.25 = \$2.25$$

    $$\begin{array}{r} \$1.00 \\ +\$1.25 \\ \hline \$2.25 \end{array}$$

    Explain to the students that at the _____ (fill in your county) County
    Fair there are many things they can buy to eat. Display Teacher Resource
    11. Complete Student Resource 13, questions 1 ($3.75) and 2 ($7.98).
    Ask students to work with a partner to answer question 3($8.68). Ask
    students to share their answers with the class.

o   Application
    Ask the students to individually complete Student Resource 14. Remind
    the students to show their work. Instruct the students to check their work
    with a partner after completion.

    Instruct the students that if time allows, they may play the Fair-E-Tales
    game from yesterday's lesson.

o   Differentiation
    ▪   Reteach
        Use manipulatives to assist students in finding the sums to the
        problems on Student Resource 14.

    ▪   Enrich
        Instruct students to complete Student Resource 15. Answer key can be
        found on Teacher Resource 12.

o   Assessment
Ask the students to complete Student Resource 16. Remind the students to explain how they solved the problem using words, numbers, or pictures. Answer key can be found on Teacher Resource 13.

Day 3

o   Engagement
Inform the students that today is the day they will go (figuratively) to the _____ (insert your county) County Fair. (Decorations around the room are optional). Remind the students that they will have $10.00 to spend at the fair.

Review the topics that have been discussed this week: identifying coins and dollars and addition of money. Discuss the activities, food, stands, exhibits, and games they could see at the fair.

o   Exploration
Present the following story problem to the students: Douglas is going to the county fair. His mother gave him money to spend. He spent all of his money when he bought a slice of pizza for $4.24, rode the Ferris Wheel for $.75, and bought a County Fair mug for $2.00. How much money did Douglas have when he went to the fair? Display Teacher Resource 14.

Monitor the students' responses for accuracy. Ask students to share their responses with the class.

o   Explanation
Ask the students how they would use the information in the story problem to write an addition sentence. Review student answers and model for the class. Model vertical form. Explain and model the importance of the alignment of dollar signs, decimal points, dollars, and cents. Example:

$$\$4.24+\$.75+\$2.00=$$

$$
\begin{array}{r}
\$4.24 \\
.75 \\
+\ \underline{2.00} \\
\$6.99
\end{array}
$$

Explain to the students that today they will get the chance to write their own story problems about their day at the county fair.
Model writing story problems about going to the fair and the correct format for addition sentences. Remember to use money values that ensure that you will NOT regroup (Utilize Teacher Resource 15).

Ask students to help you pick items or names to fill in the blanks:

> _____(Fill in your own name) went to the county fair and bought _____(fill in your own food) to eat. It cost _____(fill in your own amount). Next, _____ (fill in your own name) wanted to ride the _____(fill in your own ride), and it cost _____(fill in your own amount). Before _____(fill in your own name) left the fair, _____(fill in your own name) bought a souvenir _____(fill in your own souvenir), and it cost _____(fill in your own amount). How much money did _____(fill in your own name) spend at the fair?

Model how to solve the above story problem.

Ask the students to work with a partner to create their own story problem about a day at the County Fair. Remind the students that they must reference Teacher Resource 15 for ideas and prices. Ask the students to share their story problems with the class.

Ask the students to switch story problems with the partners next to them. Instruct the students to solve the story problems. Remind the students to show their work. Ask a few students to share their problem solving strategies with the class.

o Application
Ask the students to individually complete Student Resource 17 using information that they did not use with their partner

o Differentiation
  ▪ Reteach
    Work with students who are having difficulty in order to complete Student Resource 17. If necessary, use less number of items or lower costs.

  ▪ Enrich
    Instruct the students to complete Student Resource 18. See Teacher Resource 16 for the answer key.

Summative Assessment:
Instruct the students that they will now have the opportunity to write their own story about their day at the County Fair. Their stories should be at least four pages long using Student Resources 19-20. Each story should include student work illustrating how they solved the problems and illustrations of what the students bought. Pages 2-3 should show the vertical math format or a written explanation.

Reference Teacher Resources 17-20 for an example of a completed summative assessment.

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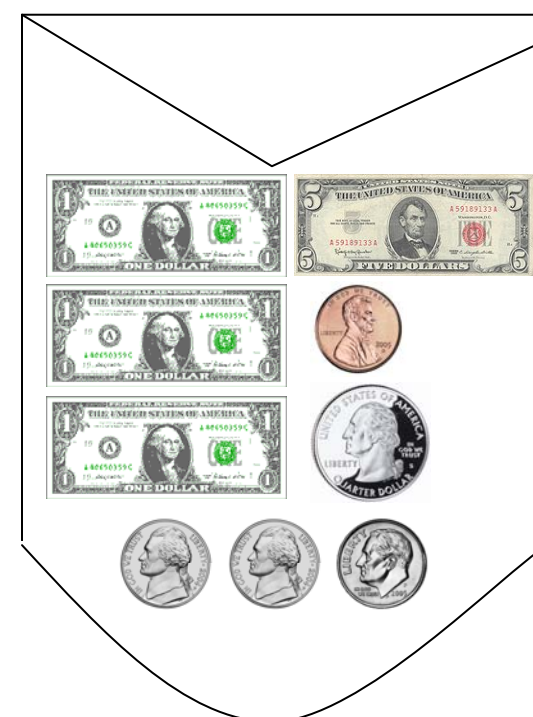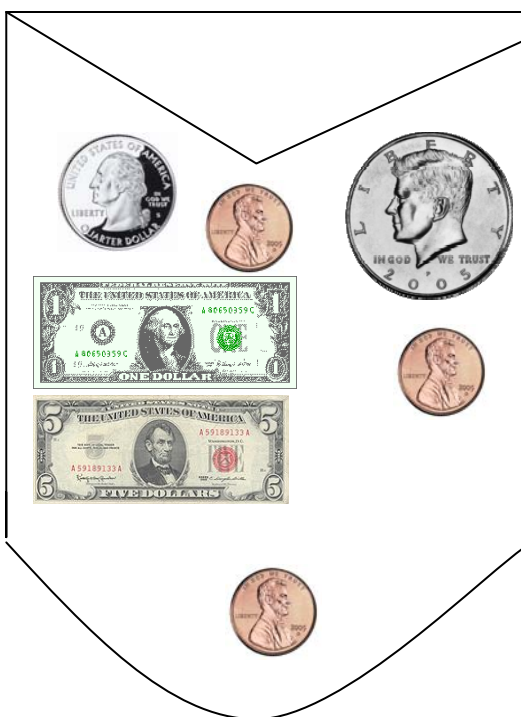Carroll Manor Elementary
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Pocket Change

Directions:
- o Identify the amount of money each of your friends have in their pocket
- o Cut out the matching amount
- o Glue the amount under the pocket

$8.46   **$6.78**   **$1.86**

$3.48   **$9.99**

$8.46   **$6.78**   **$1.86**

$3.48   **$9.99**

Fair-E-Tales
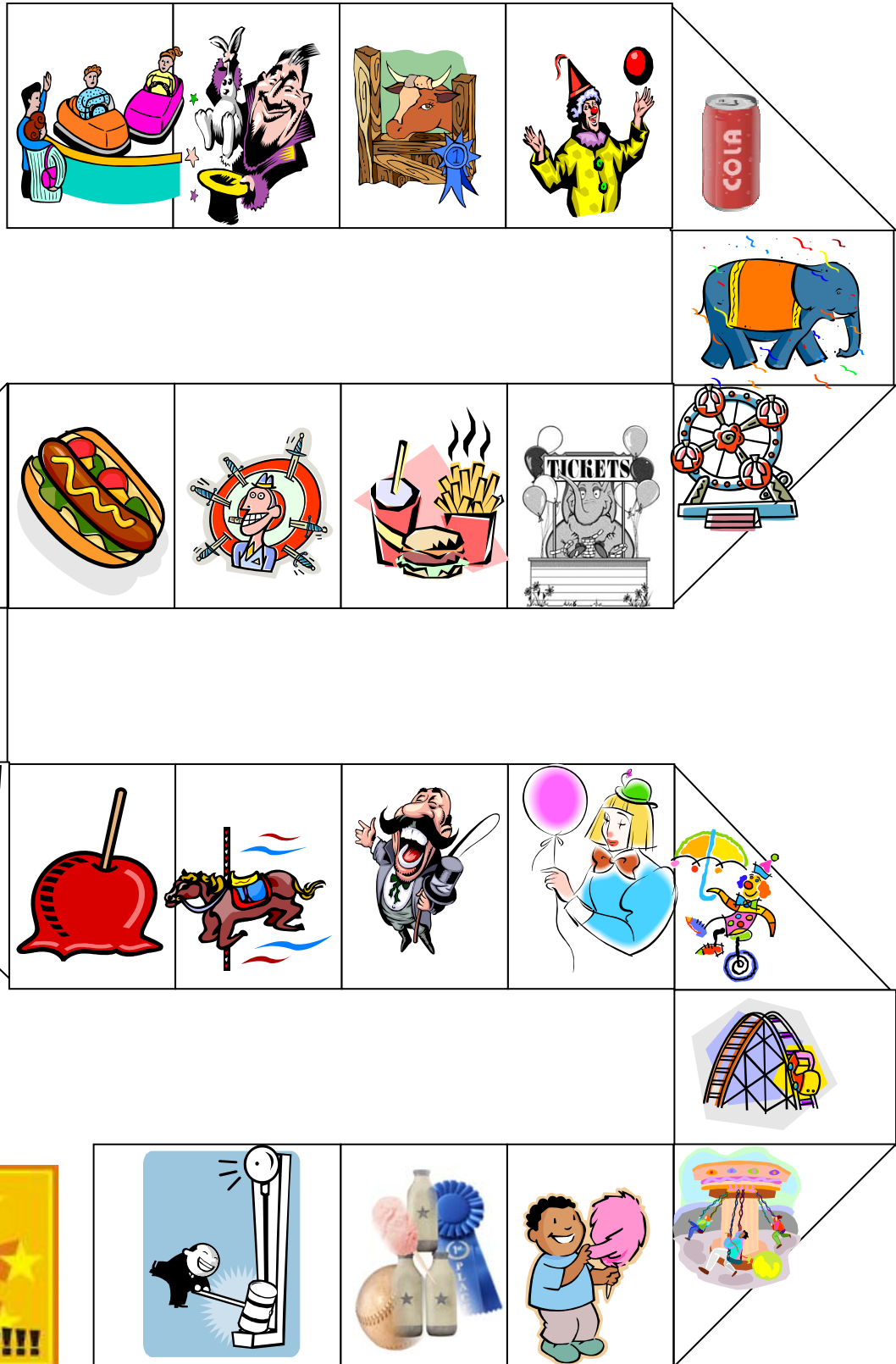
1. Andy wants to buy a hot dog for $1.03. Which set of money is $1.03

   a) 1 Dollar, 3 Dimes, 3 Pennies
   b) 1 Dollar, 3 Pennies
   c) 1 Dollar, 1 Quarter, 3 Pennies

2. Rachel wants to buy a bag of cotton candy. A bag cost $1.32. Which set of money is $ 1.32?

   a) 4 Quarters, 3 Dimes, 2 Pennies
   b) 5 Quarters, 2 Nickels, 2 Pennies
   c) 1 Dollar, 1 Quarter, 2 Pennies

3. Kevin is hungry for candied apples. A candied apple costs $1.63. Which set of money is $1.63?

   a) 1 Dollar, 2 Quarters, 1 Nickel, 3 Pennies
   b) 1 Dollar, 3 Quarters, 3 Pennies
   c) 1 Dollar, 2 Quarters, 1 Dime, 3 Pennies

4. Paul would like to buy a corn dog. A corn dog costs $1.11. Which set of money is $1.11?

   a) 4 Quarters, 1 Dime, 1 Nickel, 1 Penny
   b) 4 Quarters, 2 Nickels, 6 Pennies
   c) 4 Quarters, 11 Pennies

5. Amanda smells the funnel cakes. She would like to buy a funnel cake for $1.59. Which set of money is $1.59?

   a) 2 Dollars, 2 Nickels, 4 Pennies
   b) 1 Dollar, 2 Half Dollars, 1 Nickel
   c) 1 Dollar, 1 Half Dollar, 1 Nickel, 4 Pennies

6. Dana is thirsty for lemonade. Each of the lemonades costs $2.09. Which set of money is $2.09?

   a) 2 Dollars, 2 Nickels, 4 Pennies
   b) 1 Dollar, 2 Half Dollars, 1 Nickel , 4 Pennies
   c) 1 Dollar, 1 Half Dollar, 1 Nickel, 4 Pennies

7. Lakeisha is hot and would like to buy a snow cone. A snow cone costs $1.34. Which set of money is $1.34?

   a) 1 Dollar, 1 Quarter, 1 Nickel, 4 Pennies
   b) 1 Dollar, 1 Quarter, 1 Dime, 4 Pennies
   c) 1 Dollar, 3 Dimes, 1 Nickel, 4 Pennies

8. Formica wants to buy peanuts to feed the elephants. A bag of peanuts costs $1.15. Which set of money is $1.15?

   a) 1 Dollar, 1 Dime, 1 Nickel, 5 Pennies
   b) 1 Dollar, 3 Nickels, 5 Pennies
   c) 2 Half Dollars, 1 Dime, 5 Pennies

2.

A

Move 1 Space

1.

B

Move 1 Space

4.

C

Move 1 Space

3.

C

Move 1 Space

6.

B

Move 2 Spaces

5.

C

Move 2 Spaces

8.

C

Move 2 Spaces

7.

A

Move 2 Spaces

9. Jose would like to buy a box of caramel pop corn. A box of caramel pop corn costs $1.25. Which set of money is $1.25?

    a) 1 Dollar, 1 Quarter, 1 Nickel
    b) 1 Dollar, 2 Dimes, 1 Nickel
    c) 1 Dollar, 1 Dime, 1 Nickel

10. Zelda wants to ride the Loop Over Loop. It costs $2.00 to ride. Which set of money is $2.00?

    a) 8 Quarters
    b) 1 Dollar, 4 Quarters, 1 Dime
    c) 2 Dollars, 4 Quarters, 1 Dime

11. Yusef wants to take a spin on the Round the World ride. The ride costs $1.47. Which set of money is $1.47?

    a) 2 Half Dollars, 4 Dimes, 2 Nickels, 2 Pennies
    b) 2 Half Dollars, 4 Dimes, 1 Nickel, 2 Pennies
    c) 2 Half Dollars, 4 Dimes, 2 Pennies

12. Portia enjoys riding the Ferris Wheel. It costs $1.89 to ride the Ferris Wheel. Which set of money is $1.89?

    a) 1 Dollar, 3 Quarters, 1 Dime, 4 Pennies
    b) 1 Dollar, 3 Quarters, 2 Dimes, 4 Pennies
    c) 1 Dollar, 3 Quarters, 9 Pennies

13. Oliver just took a ride on the Merry-Go-Round. It cost him $1.95. Which set of money is $1.95?

    a) 1 Dollar, 9 Dimes, 2 Nickels
    b) 1 Dollar, 1 Half Dollar, 4 Nickels, 5 Pennies
    c) 1 Dollar, 1 Half Dollar, 1 Quarter, 2 Dimes

14. Norman is thrilled to ride the Roller Coaster at the fair. It costs $3.00 to ride the Roller Coaster. Which set of money is $3.00?

    a) 2 Dollars, 2 Half Dollars, 2 Quarters
    b) 2 Dollars, 2 Half Dollars, 4 Quarters
    c) 2 Dollars, 1 Half Dollar, 2 Quarters

15. Tuna just rode the Tilt-A-Whirl. It cost $2.75 to ride the Tilt-A-Whirl. Which set of money is $2.75?

    a) 1 Dollar, 4 Quarters, 5 Dimes, 5 Pennies
    b) 1 Dollar, 2 Half Dollars, 7 Dimes, 5 Pennies
    c) 1 Dollar, 4 Half Dollars, 7 Nickels

16. Ellen and Elaine are twins who want to ride the bumper cars. It will cost them $6.30 to ride the bumper cars. Which set of money is $6.30?

    a) 6 Dollars, 6 Dimes
    b) 5 Dollars, 2 Half Dollars, 6 Nickels
    c) 5 Dollars, 5 Quarters, 6 Nickels

10.

A
Move 2 Spaces

9.

B
Move 1 Space

12.

A
Move 2 Spaces

11.

B
Move 1 Space

14.

C
Move 2 Spaces

13.

C
Move 2 Spaces

16.

B
Move 3 Spaces

15.

B
Move 3 Spaces

17. Lamar wants to get his face painted. It costs $4.01 to get his face painted. Which set of money is $4.01?

    a) 3 Dollars, 4 Quarters, 1 Nickel
    b) 3 Dollars, 2 Half Dollars, 1 Dime
    c) 3 Dollars, 10 Dimes, 1 Penny

18. Matilda wants a balloon animal made by Go-Go the Clown. It costs $1.28. Which set of money is $1.28?

    a) 4 Quarters, 2 Dimes, 8 Pennies
    b) 5 Quarters, 1 Nickel, 3 Pennies
    c) 5 Quarters, 2 Dimes, 8 Pennies

19. Vickie wants to win a gold fish in the Fish Bowl Game. It costs $2.19 to play. Which set of money is $2.19?

    a) 1 Dollar, 4 Quarters, 1 Dime, 4 Pennies
    b) 1 Dollar, 2 Quarters, 6 Dimes, 9 Pennies
    c) 2 Dollars, 1 Quarter, 4 Pennies

20. Walter and Wanda want to glide down the Super Giant Slide. It will cost $6.66. Which set of money is $6.66?

    a) 6 Dollars, 6 Quarters, 6 Pennies
    b) 5 Dollars, 6 Quarters, 16 Pennies
    c) 6 Dollars, 4 Quarters, 16 Pennies

21. Iggie is good at basketball and wants to play the Basketball Toss Game. It costs $2.21 to play. Which set of money is $2.21?

    a) 2 Dollars, 1 Quarter, 1 Penny
    b) 2 Dollars, 5 Nickels, 1 Penny
    c) 2 Dollars, 3 Nickels, 6 Pennies

22. Genie would like to have her fortune told by Imelda the Magnificent. It costs $5.32 to have a fortune told. Which set of money is $5.32?

    a) 5 Dollars, 1 Quarter, 7 Pennies
    b) 5 Dollars, 3 Dimes, 7 Pennies
    c) 5 Dollars, 2 Dimes, 17 Pennies

23. Edna would like to win a stuffed animal playing the Fish Pond Game. It costs $3.27 to play. Which set of money is $3.27?

    a) 3 Dollars, 1 Half Dollar, 7 Pennies
    b) 2 Dollars, 2 Half Dollars, 27 Pennies
    c) 3 Dollars, 2 Half Dollars, 2 Pennies

24. Carla wants to buy a souvenir cup to take home from the county fair. It costs $6.53. Which set of money is $6.53?

    a) 5 Dollars, 3 Half Dollars, 13 Pennies
    b) 5 Dollars, 3 Half Dollars, 8 Pennies
    c) 5 Dollars, 3 Half Dollars, 3 Pennies

18.

A
Move 3 Spaces

17.

C
Move 2 Spaces

20.

B
Move 3 Spaces

19.

B
Move 3 Spaces

22.

A
Move 2 Spaces

21.

C
Move 2 Spaces

24.

C
Move 3 Spaces

23.

B
Move 2 Spaces

Directions: Create your own questions for a partner to answer.

Example:
1. Alexis wants to buy a magic wand. Its costs $2.15. Which set of money is $2.15?

a) 2 One Dollar Bills, 1 Dime, 4 Pennies
b)4 Quarters, 6 Dimes, 3 Pennies
c)4 Quarters, 1 One Dollar Bill, 1 Dime, 1
    Nickel

2.

3.

4.

5.

6..

7.

8.

Popcorn Explosion

Directions: Help the Popcorn Stand workers figure out the coins or dollars that are missing from their money bags. List or draw two examples of the missing money.

Bag 1: $ 3.26

Example 1:	Example 2:

Bag 2: $ 4.94

Example 1:	**Example 2:**
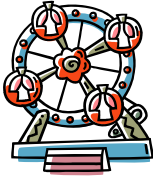
Money Makes the Fair Go Round!
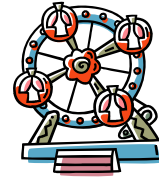
1. Dave wants to buy a soda pop and a hot dog. How much will Dave spend on food at the fair?

2. Jamez was craving a lemon shake and popcorn at the fair. He buys both at the food stand. How much money did Jamez spend? What coins or dollars did he need to buy a popcorn and lemon shake?

3. Charlene bought a Roller Coaster Delight and a Soft Pretzel at the fair. She paid with a five-dollar bill, 3 one-dollar bills, 2 quarters, a dime, a nickel, and three pennies. What was Charlene's total?
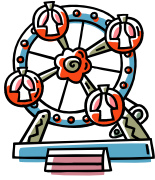
Money Makes the Fair Go Round!
Application
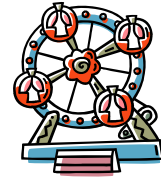
Directions: Choose food items from the word box to fill in the blanks of the story
problems below. Solve the story problems using the amounts in the word box.
Show your work!

Drinks:	Meal:	Snacks:
Soda- $.25	Hot Dog- $1.44	Fried Oreos- $4.05
Lemonade- $.32	Taco - $ 3.04	Funnel Cake-$2.21
Ice Tea- $.44	Pizza- $ 5.00	French Fries-$1.50

1. Beth and Branaiya are going to the fair. Beth buys a _____ at

the food stand and Branaiya buys a _____. How much money

did they both spend at the fair?

2. Jayden is at the fair and wants to buy a _____ to eat and a

_____ to drink. How much did he spend? What coins and/or
dollars did he use?

3. Marten is very hungry and is craving a _____ to eat for

breakfast. At lunch he buys a _____. How much money did

Marten spend for breakfast and lunch?

Money Makes the Fair Go Round!
Application -E

Directions: Use the chart below to answer the story problems. Show your work!

Drinks:	Meal:	Snacks:
Soda-$.25	Hot Dog-$1.44	Fried Oreos- $4.05
Lemonade-$.32	Taco -$ 3.04	Funnel Cake-$2.21
Ice Tea-$.44	Pizza-$ 5.00	French Fries-$1.50

1. Beth and Branaiya are going to the fair. If they spend $5.25 at the fair, what two items did they buy?

2. Jayden is eating lunch at the fair and spends $7.21. What two items did Jayden have for lunch?

3. Maarten bought a drink, a meal, and a snack. He spends $9.30. What items did Maarten buy?

4. Alicia bought a drink and two snacks. She spends $3.96. What items did Alicia buy?

Solve: $5.53 + $2.16=

Explain how you would solve this problem using words, pictures, and/or numbers.

Solve: $5.53 + $2.16=

Explain how you would solve this problem using words, pictures, and/or numbers.

_____(fill in your names) went to the county fair and bought

_____(fill in your own food) to eat. It cost _____(fill in your own

amount). Next, _____ (fill in your own names) wanted to ride

the _____(fill in your own ride), and it cost _____(fill in

your own amount). Before _____(fill in your own names) left the

fair, _____ (fill in your own name) bought a souvenir _____(fill in

your own souvenir), and it cost _____(fill in your own amount). How much

money did _____(fill in your own name) spend at the fair?
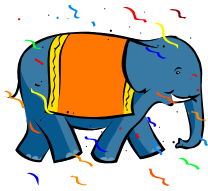
Application-E

Food	Souvenirs	Rides
Pop Corn $ 1.12	Mug $4.00	**Ferris Wheel** $2.01
Pretzel $1.30	T-Shirt $5.00	Merry-Go-Round $2.12
Cotton Candy $1.00	Key Chain $3.00	Super Giant Slide $2.03
Pizza $1.25	Necklace $4.50	Colossal Bumper Cars $2.14

1. Donta was enjoying shopping around the County Fair. He bought two items and spent $7.12. The first item he bought was a T-Shirt. What other item did Donta buy?

2. Amira bought three items at the fair. She spent a total of $6.39. What three items did Amira buy?

3. Ralph wanted to buy four items at the fair. He only had $9.00. Ralph bought a Mug and three other items. What other three items could Ralph have bought? What was the total amount that Ralph spent?
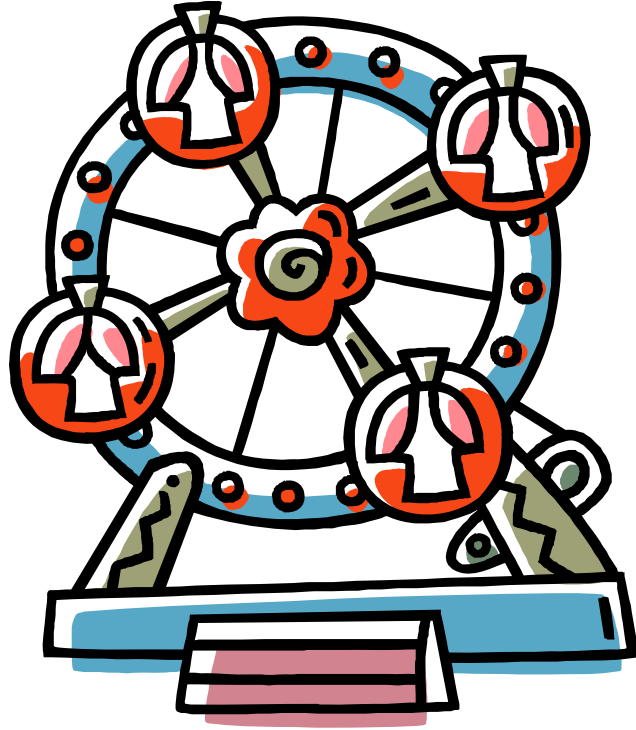
My Day at _____County Fair!

By:

_____

Grade: _____

_____

_____

_____

Pocket Change

Directions:
- o Identify the amount of money each of your friends have in their pocket
- o Cut out the matching amount
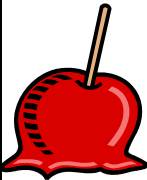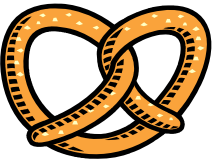- o Glue the amount under the pocket

$ 1.86
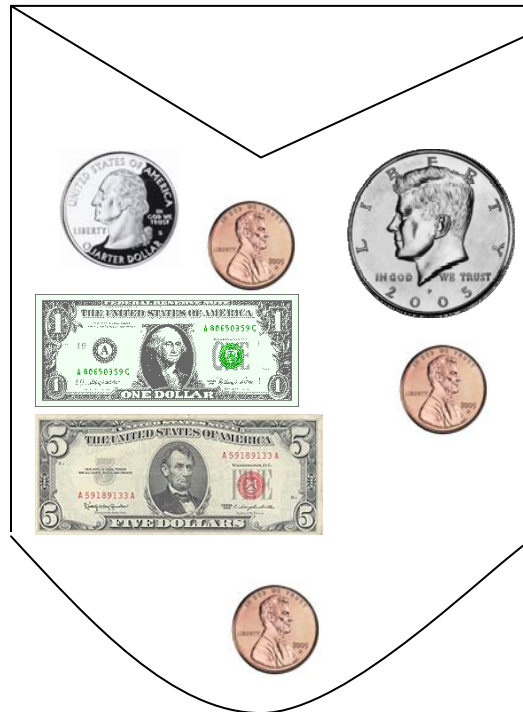
$6.78
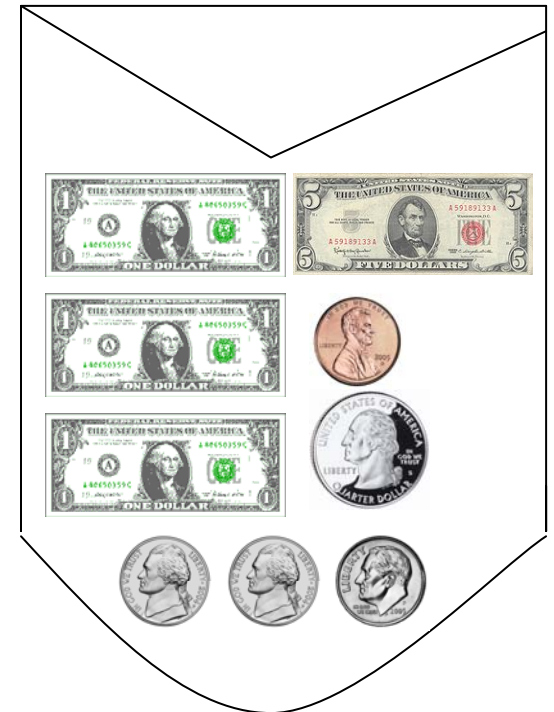
$8.46

Stephanie bought the last balloon from Bubbles the Clown for $2.38. Explain the coin and dollar combinations Stephanie could have given Bubbles to pay for the balloon.

Scott, the snow cone maker, bought two kinds of syrup for his snow cones. The cherry syrup costs $1.25. The chocolate syrup costs $ 1.00. How much did Scott spend on the two flavors?

Fair Food	Cost
Hot Dog	$ 3.00
Soda Pop	$ .75
Roller Coaster Delight	$ 7.43
Popcorn	$ 4.73
Candy Apple	$ 2.87
Soft Pretzel	$ 1.25
Lemon Shake	$3.15
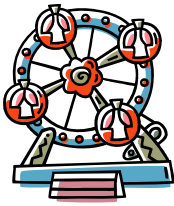
Money Makes the Fair Go Round!
Application -E

Directions: Use the chart below to answer the story problems. Show your work!

Drinks:	Meal:	Snacks:
Soda- $.25	Hot Dog- $1.44	Fried Oreos- $4.05
Lemonade- $.32	Taco - $ 3.04	Funnel Cake-$2.21
Ice Tea- $.44	Pizza- $ 5.00	French Fries-$1.50

1. Beth and Branaiya are going to the fair. If they spend $5.25 at the fair, what two items did they buy?

Taco and Funnel Cake

2. Jayden is eating lunch at the fair and spends $7.21. What two items did Jayden have for lunch?

Pizza and Funnel Cake

3. Maarten bought a drink, a meal, and a snack. He spends $9.30. What items did Maarten buy?

Pizza, Fried Oreos, and Soda

4. Alicia bought a drink and two snacks. She spends $3.96. What items did Alicia buy?

Funnel Cake, French Fries, and Soda

Solve: $5.53 + $2.16=

Explain how you would solve this problem using words, pictures, and/or numbers.

$7.69

Solve: $5.53 + $2.16=

Explain how you would solve this problem using words, pictures, and/or numbers.

$7.69

Douglas is going to the County Fair. His mother gave him money to spend. He spent all of his money when he bought a slice of pizza for $4.24, rode the Ferris Wheel for $.75, and bought a County Fair mug for $2.00. How much money did Douglas have when he went to the fair?
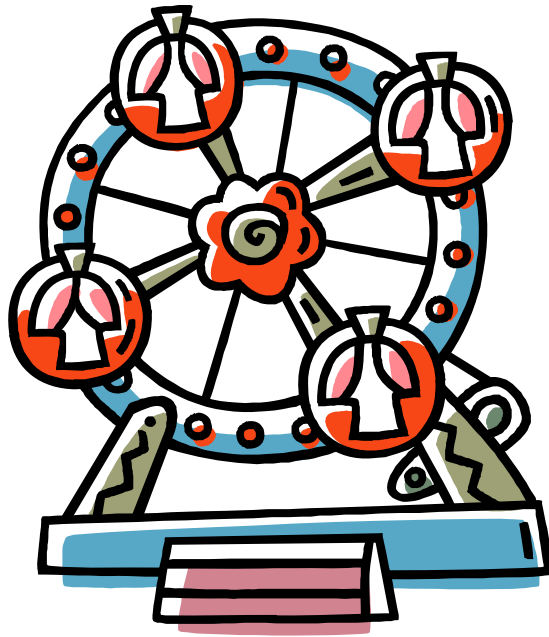
Food	Souvenirs	Rides
Pop Corn $ 1.12	Mug $4.00	Ferris Wheel $2.01
Pretzel $1.30	T-Shirt $5.00	Merry-Go-Round $2.12
Cotton Candy $1.00	Key Chain $3.00	Super Giant Slide $2.03
Pizza $1.25	Necklace $4.50	Colossal Bumper Cars $2.14
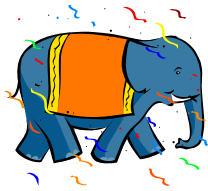
Application-E

Food	Souvenirs	Rides
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Pretzel $1.30	T-Shirt $5.00	Merry-Go-Round $2.12
Cotton Candy $1.00	Key Chain $3.00	Super Giant Slide $2.03
Pizza $1.25	Necklace $4.50	Colossal Bumper Cars $2.14

1. Donta was enjoying shopping around the County Fair. He bought two items and spent $7.12. The first item he bought was a T-Shirt. What other item did Donta buy?

Merry-G0-Round

2. Amira spent money on three things at the fair. She spent a total of $6.39. What three things did Amira choose?

Pizza, Colossal Bumper Cars, and a Key Chain

3. Ralph wanted to spend money on four things at the fair. He only had $9.00. Ralph bought a Mug and three other items. What other three things could Ralph have bought? What was the total amount that Ralph spent?
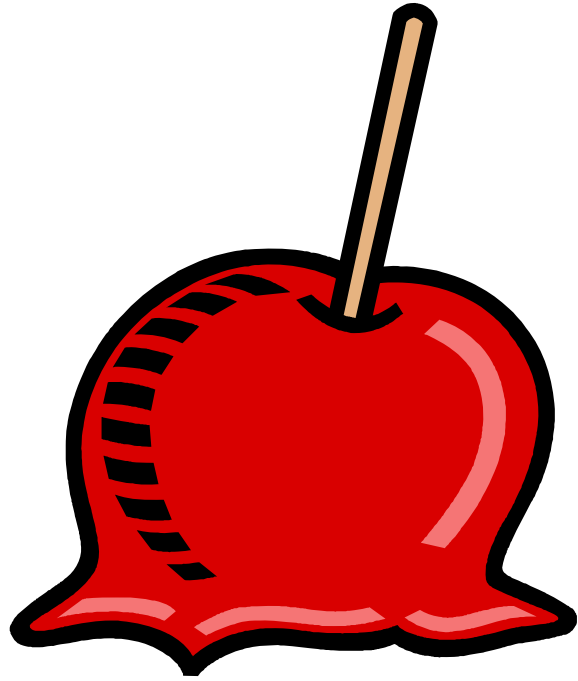
Answers May Vary
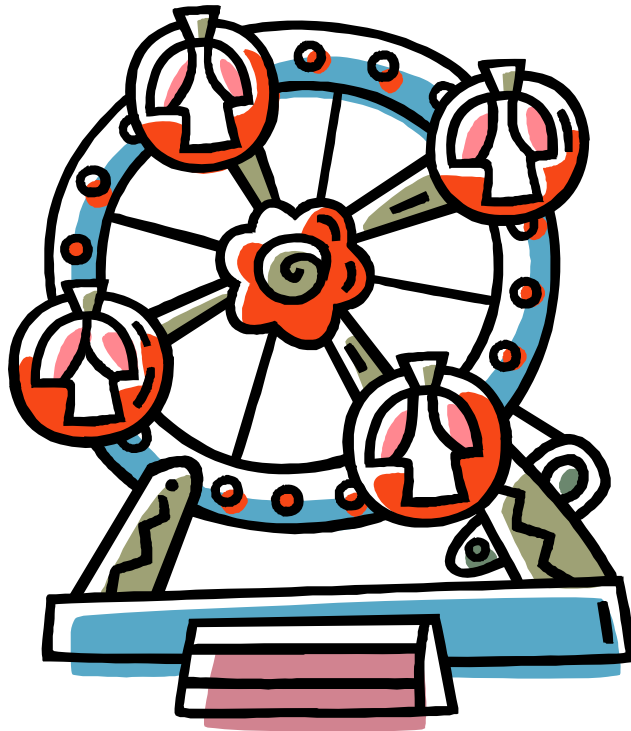
My Day at Baltimore County Fair!
By: David Carlisle
Grade: Third

David is so excited that he gets to go to the Baltimore County Fair with his class. He has $10.00 to spend on whatever he wants. David gets to the fair and the first thing he buys is a gigantic candy apple. The candy apple costs $1.00.

+ = $3.14

David is full from his candy apple and wants to go on the Colossal Bumper Cars. The Colossal Bumper Cars costs $2.14. David thinks to himself, "I'm running out of money!" How much money has David spend in all? David spent $3.14.

+ + = **$8.14**

$1.00
$2.14
+$5.00
$8.14

It is getting late, and David's class is getting ready to leave. David wants something to remember his incredible day at the fair. He decides to buy a T-Shirt that costs $5.00. David wonderers if he has enough money. Wow! David had a great day at the fair. How much money did David spend at the fair? He spent $8.14.